

Claims

1. Use of a composition which contains (a) one or more 1- or 2-(C₃- to C₂₄-alkyl)glycerol ethers and
5 (b) one or more aromatic alcohols for the disinfection of the surface of an article at a temperature above 25°C.
2. Use according to Claim 1, characterized in that
10 the disinfection takes place at a temperature of 30°C or above, preferably 35°C or above, in particular 40°C or above.
3. Use according to Claim 1 or 2, characterized in
15 that the disinfection takes place at 40 to 80°C, more preferably from 45 to 60°C, in particular 45 to 55°C, particularly preferably at about 50°C.
4. Use according to Claim 1 or 2, characterized in
20 that the disinfection takes place at up to 170°C, preferably at 80 to 160°C, more preferably 100 to 150°C, in particular 120 to 140°C, most preferably 130 to 135°C.
- 25 5. Use according to any of the preceding claims, characterized in that the surface is wetted, sprayed, rubbed, wiped or moistened with the composition, the surface is dipped into the composition, or the surface is disinfected by
30 atomizing the composition.
6. Use according to any of the preceding claims, characterized in that the surface is made of metal, glass, wood, plastic, textile or ceramic.
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7. Use according to any of the preceding claims, characterized in that the article is a medical instrument or laboratory apparatus.

8. Use according to any of the preceding claims, characterized in that the disinfection time is 10 seconds to 1 hour, more preferably 1 minute to 30 minutes, in particular 5 to 15 minutes.
- 5 9. Use according to any of Claims 1 to 7, characterized in that the composition is an aqueous solution for use which contains (a) 0.01 to 1.0% by weight, more preferably 0.025 to 0.5% by weight, in particular 0.05 to 0.2, particularly preferably about 0.1 % by weight of glycerol ether and (b) 0.1 to 10% by weight, more preferably 0.25 to 5% by weight, in particular 0.5 to 2% by weight, of aromatic alcohol.
- 10 10. Use according to Claim 9, characterized in that the aqueous solution for use contains 89% by weight or more, more preferably 94.5 to 99.725% by weight, in particular 97.8 to 99.45% by weight, of water.
- 15 11. Use according to Claim 9 or 10, characterized in that the solution for use has a pH of from 3 to 10.
- 20 12. Use according to any of the preceding claims, characterized in that the alkyl group of the glycerol ether is selected from branched or unbranched saturated alkyl.
- 25 13. Use according to Claim 12, characterized in that the 1- or 2-alkylglycerol ether is selected from dodecylglycerol ether, decylglycerol ether, octylglycerol ether, propylglycerol ether, octadecylglycerol ether, hexadecylglycerol ether and octadecenylglycerol ether, with preference for 1-(2-ethylhexyl)glycerol ether.
- 30 14. Use according to any of the preceding claims,
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characterized in that the aromatic alcohol is selected from aryloxyalkanol, oligoalkanol aryl ethers and arylalkanol.

- 5 15. Use according to Claim 14, characterized in that the aryloxyalkanol is selected from phenoxyethanol and phenoxypropanol.
- 10 16. Use according to Claim 14, characterized in that the arylalkanol is selected from 3-phenyl-1-propanol, phenethyl alcohol, veratryl alcohol, benzyl alcohol and 2-methyl-1-phenyl-2-propanol.
- 15 17. Use according to Claim 14, characterized in that the oligoalkanol aryl ether is selected from phenoxy-di-, tri- and -oligoethanol and phenoxy-di-, tri- and -oligopropanol.
- 20 18. Use according to any of Claims 9 to 17, characterized in that the composition is an aqueous solution for use which contains (a) 0.05 to 0.2% by weight of 1-(2-ethylhexyl)glycerol ether and (b) 0.5 to 2% by weight of phenoxyethanol and/or phenoxypropanol.
- 25 19. Use according to any of the preceding claims, characterized in that the composition additionally contains (c) one or more auxiliaries.
- 30 20. Use according to any of the preceding claims, characterized in that the disinfection time is 10 seconds to 1 hour, more preferably 1 minute to 30 minutes, in particular 5 to 15 minutes.
- 35 21. Use according to any of the preceding claims, characterized in that it takes place in an instrument disinfection method which comprises the following steps:

- a) where appropriate precleaning with cold water,
 - b) cleaning at 55 to 60°C with a neutral cleaner,
 - 5 c) thermochemical disinfection with the composition at 55 to 60°C acting for a time of from 1 to 20 minutes,
 - d) rinsing with cold water and
 - 10 e) drying.
22. Use according to any of Claims 1 to 20, characterized in that it takes place in an instrument
- 15 disinfection method which comprises the following steps:
- a) where appropriate precleaning with cold water,
 - 20 b) cleaning with a neutral cleaner, raising the temperature to 90 to 100°C, preferably 90 to 95°C, in particular about 93°C,
 - 25 c) thermochemical disinfection with the composition at 90 to 100°C, preferably 90 to 95°C, more preferably about 93°C, acting for a time of from 1 to 20 minutes,
 - d) rinsing with water and
 - 30 e) drying, where appropriate at 40 to 60°C.